This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (canceled)

2. (previously amended) A two part peritoneal dialysis solution designed to be mixed prior to infusion into a patient comprising:

a first part housed in a first structure, the first part including approximately 1.0 to about 8% (w/v) dextrose and a pH of approximately 4.0 to about 5.5;

a second part housed in a second structure, the second part including approximately 0.5 to about 8.0% (w/v) polypeptides and a pH of approximately 6.0 to about 7.5; and

including in either the first or the second structure a sufficient amount of the following ingredients so when the first part and second part are mixed, the following is provided: 120 to about 150 (mEq/L) sodium; 80.0 to about 110.0 (mEq/L) chloride; 0.0 to about 5.0 (mEq/L) lactate; 0.0 to about 45.0 (mEq/L) bicarbonate; 0.0 to about 4.0 (mEq/L) calcium; and 0.0 to about 4.0 (mEq/L) magnesium.

3. (original) The two part peritoneal dialysis solution of Claim 2 wherein the first and second structures are two separate chambers of a single container.

4. (original) The two part peritoneal dialysis solution of Claim 2 wherein the pH of a resultant solution, comprising a mixture of the first part and the second part, is approximately 6.0 to about 7.4.

5. (original) The two part peritoneal dialysis solution of Claim 2 wherein the molecular weight average of the polypeptides is approximately 400 to about 900 daltons.

6. (canceled)

7. (original) The two part peritoneal dialysis solution of Claim 2 wherein the polypeptides include synthetic polypeptides.

8. (previously amended) The two part peritoneal dialysis solution of Claim 2 wherein the synthetic polypeptides are 2 to 15 amino acids long.

9-31 (canceled)

32. (previously added) A two part peritoneal dialysis solution designed to be mixed prior to infusion into a patient comprising:

a first part housed in a first structure including dextrose;

a second part housed in a second structure including approximately 0.25 to about 4.0% (w/v) polypeptides; and

including in either the first or the second structure a sufficient amount of the following ingredients so when the first part and second part are mixed, the following is provided: 120 to about 150 (mEq/L) sodium; 80.0 to about 110.0 (mEq/L) chloride; 0.0 to about 5.0 (mEq/L) lactate; 0.0 to about 45.0 (mEq/L) bicarbonate; 0.0 to about 4.0 (mEq/L) calcium; and 0.0 to about 4.0 (mEq/L) magnesium, wherein not more than approximately 0.10% of the polypeptides has a molecular weight of greater than 1200, not more than approximately 25% of the polypeptides has a molecular weight of less than 400, and the weight average of polypeptides is within the range of approximately 400 to about 900 daltons.

33. (previously added) A two part peritoneal dialysis solution designed to be mixed prior to infusion into a patient comprising:

a first part housed in a first structure including dextrose;

a second part housed in a second structure including approximately 0.25 to about 8.0% (w/v) polypeptides having a molecular weight average of approximately 400 to about 900 daltons; and

including in either the first or the second structure a sufficient amount of the following ingredients so when the first part and second part are mixed, the following is provided: 120 to about 150 (mEq/L) sodium; 80.0 to about 110.0 (mEq/L) chloride; 0.0 to about 5.0 (mEq/L) lactate; 0.0 to about 45.0 (mEq/L) bicarbonate; 0.0 to about 4.0 (mEq/L) calcium; and 0.0 to about 4.0 (mEq/L) magnesium, wherein the first and second structures are two separate chambers of a single container.

34. (new) A two part peritoneal dialysis solution designed to be mixed prior to infusion into a patient comprising:

a first part housed in a first structure, the first part including approximately 1.0 to about 8% (w/v) dextrose and a pH of approximately 4.0 to about 5.5;

a second part housed in a second structure, the second part including approximately 0.5 to about 8.0% (w/v) polypeptides and a pH of approximately 6.0 to about 7.5 wherein not more than approximately 0.10% of the polypeptides have a molecular weight of greater than 1200, wherein not more than approximately 25% of the polypeptides have a molecular weight of less than 400, and wherein the weight average of polypeptides is within the range of approximately 400 to about 900 daltons; and

including in either the first or the second structure a sufficient amount of the following ingredients so when the first part and second part are mixed, the following is provided: 120 to about 150 (mEq/L) sodium; 80.0 to about 110.0 (mEq/L) chloride; 0.0 to about 5.0 (mEq/L) lactate; 0.0 to about 45.0 (mEq/L) bicarbonate; 0.0 to about 4.0 (mEq/L) calcium; and 0.0 to about 4.0 (mEq/L) magnesium.